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NOTICE OF ALLOWANCE AND FEE(S) DUE

7590

05/21/2004

BARMAK S SANI TOWNSEND AND TOWNSEND AND CREW LLP TWO EMBARCADERO CENTER 8TH FLOOR SAN FRANCISCO, CA 95111-3834

 EXAMINER	
 LEE, EUGENE	

PAPER NUMBER

ART UNIT 2815

DATE MAILED: 05/21/2004

1	APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
١	09/467,141	12/10/1999	YUEH YALE MA	M-7947-US	1972

TITLE OF INVENTION: DUAL-BIT DOUBLE-POLYSILICON SOURCE-SIDE INJECTION FLASH EEPROM CELL

APPLN. TYPE	SMALL ENTITY	ISSUE FEE	PUBLICATION FEE	TOTAL FEE(S) DUE	DATE DUE
nonprovisional	YES	\$665	\$0	\$665	08/23/2004

THE APPLICATION IDENTIFIED ABOVE HAS BEEN EXAMINED AND IS ALLOWED FOR ISSUANCE AS A PATENT. <u>PROSECUTION ON THE MERITS IS CLOSED</u>. THIS NOTICE OF ALLOWANCE IS NOT A GRANT OF PATENT RIGHTS. THIS APPLICATION IS SUBJECT TO WITHDRAWAL FROM ISSUE AT THE INITIATIVE OF THE OFFICE OR UPON PETITION BY THE APPLICANT. SEE 37 CFR 1.313 AND MPEP 1308.

THE ISSUE FEE AND PUBLICATION FEE (IF REQUIRED) MUST BE PAID WITHIN THREE MONTHS FROM THE MAILING DATE OF THIS NOTICE OR THIS APPLICATION SHALL BE REGARDED AS ABANDONED. THIS STATUTORY PERIOD CANNOT BE EXTENDED. SEE 35 U.S.C. 151. THE ISSUE FEE DUE INDICATED ABOVE REFLECTS A CREDIT FOR ANY PREVIOUSLY PAID ISSUE FEE APPLIED IN THIS APPLICATION. THE PTOL-85B (OR AN EQUIVALENT) MUST BE RETURNED WITHIN THIS PERIOD EVEN IF NO FEE IS DUE OR THE APPLICATION WILL BE REGARDED AS ABANDONED.

HOW TO REPLY TO THIS NOTICE:

I. Review the SMALL ENTITY status shown above.

If the SMALL ENTITY is shown as YES, verify your current SMALL ENTITY status:

- A. If the status is the same, pay the TOTAL FEE(S) DUE shown above.
- B. If the status is changed, pay the PUBLICATION FEE (if required) and twice the amount of the ISSUE FEE shown above and notify the United States Patent and Trademark Office of the change in status, or

If the SMALL ENTITY is shown as NO:

- A. Pay TOTAL FEE(S) DUE shown above, or
- B. If applicant claimed SMALL ENTITY status before, or is now claiming SMALL ENTITY status, check the box below and enclose the PUBLICATION FEE and 1/2 the ISSUE FEE shown above.
- ☐ Applicant claims SMALL ENTITY status. See 37 CFR 1.27.
- II. PART B FEE(S) TRANSMITTAL should be completed and returned to the United States Patent and Trademark Office (USPTO) with your ISSUE FEE and PUBLICATION FEE (if required). Even if the fee(s) have already been paid, Part B Fee(s) Transmittal should be completed and returned. If you are charging the fee(s) to your deposit account, section "4b" of Part B Fee(s) Transmittal should be completed and an extra copy of the form should be submitted.
- III. All communications regarding this application must give the application number. Please direct all communications prior to issuance to Mail Stop ISSUE FEE unless advised to the contrary.

IMPORTANT REMINDER: Utility patents issuing on applications filed on or after Dec. 12, 1980 may require payment of maintenance fees. It is patentee's responsibility to ensure timely payment of maintenance fees when due.

PART B - FEE(S) TRANSMITTAL

Complete and send this form, together with applicable fee(s), to: Mail

Mail Stop ISSUE FEE Commissioner for Patents P.O. Box 1450 Alexandria, Virginia 22313-1450

or Fax (703) 746-4000

INSTRUCTIONS: This form should be used for transmitting the ISSUE FEE and PUBLICATION FEE (if required). Blocks 1 through 4 should be completed where appropriate. All further correspondence including the Patent, advance orders and notification of maintenance fees will be mailed to the current correspondence address as indicated unless corrected below or directed otherwise in Block 1, by (a) specifying a new correspondence address; and/or (b) indicating a separate "FEE ADDRESS" for maintenance fee notifications.

CURRENT CORRESPONDENCE ADDRESS (Note: Legibly mark-up with any corrections or use Block 1)

7590

05/21/2004

BARMAK S SANI TOWNSEND AND TOWNSEND AND CREW LLP TWO EMBARCADERO CENTER 8TH FLOOR SAN FRANCISCO, CA 95111-3834 Note: A certificate of mailing can only be used for domestic mailings of the Fee(s) Transmittal. This certificate cannot be used for any other accompanying papers. Each additional paper, such as an assignment or formal drawing, must have its own certificate of mailing or transmission.

Certificate of Mailing or Transmission

I hereby certify that this Fee(s) Transmittal is being deposited with the United States Postal Service with sufficient postage for first class mail in an envelope addressed to the Mail Stop ISSUE FEE address above, or being facsimile transmitted to the USPTO, on the date indicated below.

transmitted to the USPTO, on the date indicated below.

(Depositor's name)

(Signature)

(Date)

☐ The Director is hereby authorized by charge the required fee(s), or credit any overpayment, to

(enclose an extra copy of this form).

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nonprovisional	YES	\$665	<u>. </u>	\$0	\$665	08/23/2004
EXA	MINER	ART UN	пт	CLASS-SUBCLASS		
LEE, I	LEE, EUGENE			257-315000		
CFR 1.363). Change of correspond Address form PTO/SB/ "Fee Address" indica	ce address or indication of "F dence address (or Change of 122) attached. tion (or "Fee Address" Indica or more recent) attached. Us	Correspondence	names of up agents OR, a firm (having agent) and th	g on the patent front to 3 registered pate lternatively, (2) the n as a member a regist e names of up to 2 agents. If no name is d.	ent attorneys or 1ame of a single ered attorney or 2registered patent	
DI FASE NOTE: Unles	ted to the USPTO or is being	low, no assignee d submitted under se	ata will appear o parate cover. Cor	n the patent Inclusion	of assignee data is only approp NOT a substitute for filing an a R COUNTRY)	riate when an assignment has ssignment.
Please check the appropria	te assignee category or category	ories (will not be pr	inted on the pate	nt); 🚨 individual	☐ corporation or other private	group entity 🚨 government
4a. The following fee(s) ar	e enclosed:	46	o. Payment of Fee	e(s):		
☐ Issue Fee			☐ A check in th	e amount of the fee(s)	is enclosed.	
☐ Publication Fee ☐			☐ Payment by o	redit card. Form PTO-	2038 is attached.	

Director for Patents is requested to apply the Issue Fee and Publication Fee (if any) or to re-apply any previously paid issue fee to the application identified above.

Deposit Account Number

(Authorized Signature)

☐ Advance Order - # of Copies _

(Date)

NOTE; The Issue Fee and Publication Fee (if required) will not be accepted from anyone other than the applicant; a registered attorney or agent; or the assignee or other party in interest as shown by the records of the United States Patent and Trademark Office.

This collection of information is required by 37 CFR 1.311. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, Alexandria, Virginia 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, Alexandria, Virginia 22313-1450.

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UNITED STATES PATENT AND TRADEMARK OFFICE

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8TH FLOOR	DENO CENTER		2815	
SAN FRANCISCO, CA 95111-3834			DATE MAILED: 05/21/2004	

Determination of Patent Term Extension under 35 U.S.C. 154 (b)

(application filed after June 7, 1995 but prior to May 29, 2000)

The Patent Term Extension is 0 day(s). Any patent to issue from the above-identified application will include an indication of the 0 day extension on the front page.

If a Continued Prosecution Application (CPA) was filed in the above-identified application, the filing date that determines Patent Term Extension is the filing date of the most recent CPA.

Applicant will be able to obtain more detailed information by accessing the Patent Application Information Retrieval (PAIR) system (http://pair.uspto.gov).

Any questions regarding the Patent Term Extension or Adjustment determination should be directed to the Office of Patent Legal Administration at (703) 305-1383. Questions relating to issue and publication fee payments should be directed to the Customer Service Center of the Office of Patent Publication at (703) 305-8283.

	Application No.	Applicant(s)	
	•	MA ET AL.	
N	09/467,141 Examiner	Art Unit	
	Eugene Lee	2815	
The MAILING DATE of this communication appear All claims being allowable, PROSECUTION ON THE MERITS IS (not be the control of the Office of ALLOWABILITY IS NOT A GRANT OF PATENT RICE of the Office or upon petition by the applicant. See 37 CFR 1.313	ars on the cover sheet with OR REMAINS) CLOSED in or other appropriate community. This application is s	th the correspondence ac this application. If not inc inication will be mailed in d	luded lue course. THIS
1. This communication is responsive to 2/17/04.			
2. ☑ The allowed claim(s) is/are <u>1-18,21-29,37</u> .			1
3. $igspace$ The drawings filed on <u>10 December 1999</u> are accepted by the second second contract that $igspace$	he Examiner.		Ý
4. Acknowledgment is made of a claim for foreign priority under a) All b) Some* c) None of the: 1. Certified copies of the priority documents have a comment and a claim for foreign priority under the certified copies of the priority documents have a comment and a claim for foreign priority documents have a claim for foreign and	been received. been received in Application uments have been received of this communication to file ENT of this application. ted. Note the attached EXA is reason(s) why the oath or be submitted. on's Patent Drawing Review Amendment / Comment or CA(c)) should be written on the header according to 37 CF it of BIOLOGICAL MATE	n No If in this national stage applies in this national stage applies a reply complying with the MINER'S AMENDMENT of declaration is deficient. If (PTO-948) attached in the Office action of the drawings in the front (not R 1.121(d).	requirements or NOTICE OF
Attachment(s) 1. ☐ Notice of References Cited (PTO-892) 2. ☐ Notice of Draftperson's Patent Drawing Review (PTO-948) 3. ☐ Information Disclosure Statements (PTO-1449 or PTO/SB/08 Paper No./Mail Date 4. ☐ Examiner's Comment Regarding Requirement for Deposit of Biological Material	6. ☐ Interview Su Paper No./ 7. ☑ Examiner's 8. ☑ Examiner's 9. ☐ Other	formal Patent Application (ummary (PTO-413), Mail Date Amendment/Comment Statement of Reasons for TOM THOMAS SORY PATENT EXAMINER BOLOGY CENTER 2800	·

U.S. Patent and Trademark Office PTOL-37 (Rev. 1-04) Application/Control Number: 09/467,141 Page 2

Art Unit: 2815

DETAILED ACTION

Examiner's Amendment

1. An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it MUST be submitted no later than the payment of the issue fee.

The application has been amended as follows:

Claims 30-36 and 38-49, previously withdrawn from consideration for being drawn towards a non-elected invention, have been cancelled.

Allowable Subject Matter

- 2. Claims 1 thru 18, 21 thru 29, and 37 are allowed.
- 3. The following is an examiner's statement of reasons for allowance: The references of record, either singularly or in combination, do not teach or suggest at least a cell structure comprising: a first junction and a second junction separated by a channel region; first and second non-contiguous floating gates over the channel region; and a select-gate having a portion between the first and second floating gates, extending across the entire length of each of the first and second junctions.

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

INFORMATION ON HOW TO CONTACT THE USPTO

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Eugene Lee whose telephone number is 571-272-1733. The examiner can normally be reached on M-F 8-5.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Tom Thomas can be reached on 571-272-1664. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see http://pair-direct.uspto.gov. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

Eugene Lee May 1, 2004 TOM THOMAS SUPERVISORY PATENT EXAMINER TECHNOLOGY CENTER 2800

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